

# DDJ-WeGO

#### http://pioneerdj.com/support/

The Pioneer website shown above offers FAQs, information on software and various other types of information and services to allow you to use your product in greater comfort.

# **Operating Instructions**

# **Contents**

#### How to read this manual

In this manual, names of screens and menus displayed on the computer screen, as well as names of buttons and terminals on the product, etc., are indicated within brackets. (e.g.: [RECORD] panel, [CONFIG] menu, [CUE] button, [VINYL] mode, [AUX IN] terminals)

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### **Before start**

#### **Features**

This unit is a DJ controller in a compact size enabling DJ performances with dynamic sound and a variety of light effects. It is equipped with a "JOG FX" function for transforming the sound dynamically and a "PULSE CONTROL" function allowing the colors of the lights to be changed in a variety of ways using the multicolor LEDs. Five color variations are provided for the body, letting users select a color matching their interior. In addition, the colors in which the LEDs light can be customized to express the user's personality. This DJ controller lets users enjoy their DJ lives, with their own tastes and in their own styles.

#### **JOG FX**

This unit is equipped with a JOG FX function allowing multiple effects to be controlled simultaneously with the jog dial. The parameters of multiple effects can be controlled through the simple operation of turning the jog dial, so a wide variety of transformations of the sound can be enjoyed. Also, by using in combination with the FX Pulse function, DJ performances can be staged with an extensive array of animations using multicolored lights.

#### **PULSE CONTROL**

Thanks to the use of multi-color LEDs installed in JOG dials, the colorful illumination changes in conjunction with DJ operations, adding brilliance to DJ performances.

\_\_\_\_\_\_

- Main PULSE CONTROL animations
  - (1) Mix Pulse
    - This indicates the offset in the beats of two tracks by the strength of the lights. The jog dials' lights are strongest when the beats are perfectly in sync, and get dimmer as the beats move apart. This lets you check the offset of the beats visually so that the beats and tempos can be matched easily.
  - ② Launch Pulse
    When a track is loaded, red light flows to
    - When a track is loaded, red light flows toward the jog dial, letting the user know at a glance that the track has been loaded.
  - ③ FX Pulse
    - The lights on the jog dial move in various ways according to the effect that is operated, adding excitement to the DJ performance through the movement of the light in addition to the changes in the sound.

#### **Color variations and customizing**

The colors in which this unit's multicolor LEDs light can be customized, and the colors of the interface of the "Virtual DJ Limited Edition" bundled software can also be customized. The colors can be set to your tastes, to suit your current mood or a variety of different situations.

#### **DESIGN**

The design concepts of this unit are: solid colors and forms to harmonize your room interiors and a compact size for easy transportation. Additionally, bottom panel can be chosen from five color variations creating a solid impression, making good contrast with round benign forms, a new jog dial highlighting animated illumination with multicolored LEDs provides you with an exciting experience in your DJ performances. Furthermore, the input/output terminals are positioned on the side panel to reduce distance to a laptop computer and supports installation even in small spaces. The compact and sleek design makes the DDJ-WeGO highly portable when carrying along with you.

#### **VIRTUAL DJ LE**

The "Virtual DJ Limited Edition" DJ software with the Pioneer original interface is included. Major features such as looping, effects, sampling, 4-channel mixing, and video will allow you to enjoy a wide range of DJ performances. In addition, you can select the interface colors according to your taste and preference from many different options.

# Compatibility with various DJ software programs

Thanks to the MIDI capability, 4-deck control, sampler and many other features can be controlled by a variety of DJ applications. See the Pioneer support page for the latest information on software compatibility:

http://pioneerdj.com/support/

#### What's in the box

- VIRTUAL DJ LE software/driver software/operating instructions CD-ROM
- USB cable
- Read Before Use (Important)
- Quick Start Guide
- Service Center Guide (for Japanese customers)
- Warranty card

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# **Before you start**

#### Installing the software

#### About the driver software (Windows)

This driver software is an exclusive ASIO driver for outputting audio signals from the computer.

There is no need to install the driver software when using Mac OS X.

#### Operating environment

Supported operating systems		
Windows® 7 Home Premium/Professional/	32-bit version	✓
Ultimate	64-bit version	<b>√</b> <sup>1</sup>
Windows Vista <sup>®</sup> Home Basic/ Home Premium/Business/Ultimate	32-bit version	✓
	64-bit version	<b>√</b> 1
Windows <sup>®</sup> XP Home Edition/Professional (SP2 or later)	32-bit version	✓

When using a 64-bit version of Windows, the driver software can only be used for 32-bit applications.

#### Before installing the driver software

- First read the Software end user license agreement on page 19 carefully.
- Turn off this unit's power switch, then disconnect the USB cable connecting this unit and the computer.
- · If any other programs are running on the computer, quit them.
- To install or uninstall the driver software, you need to be authorized by the administrator of your computer. Log on as the administrator of your computer before proceeding with the installation.
- If you connect this unit to your computer without installing the driver software first, an error may occur on your computer depending on the system environment.
- If installation of the driver software is interrupted after it has started, start the installation procedure over again from the beginning.

#### Installing the driver software

- 1 Turn on the computer's power.
- 2 Insert the included CD-ROM into the computer's CD drive.
- 3 When the CD-ROM menu appears, select [Install Driver Software (Pioneer\_DDJ\_WeGO\_Driver\_X.XXX)], then click [Start].

### 4 Proceed with installation according to the instructions on the screen.

If [Windows Security] appears on the screen while the installation is in progress, click [Install this driver software anyway] and continue with the installation.

- When installing on Windows XP
  - If [Hardware Installation] appears on the screen while the installation is in progress, click [Continue Anyway] and continue with the installation.
- When the installation program is completed, a completion message appears.

#### Connecting this unit and computer

#### 1 Connect this unit to your computer via a USB cable.

For instructions on connections, see *Connecting the input/output terminals* on page 7.

#### 2 Slide this unit's [ON/OFF] switch to the [ON] position.

Turn on the power of this unit.

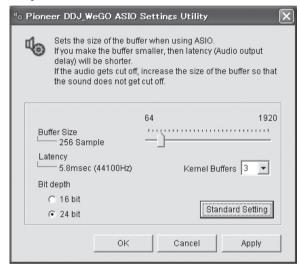
The message [Installing device driver software] may appear when
this unit is first connected to the computer or when it is connected to
a different USB port on the computer. Wait a while until the message
[Your devices are ready for use] appears.

#### \* Adjusting the buffer size

This unit functions as an audio device conforming to the ASIO standards.

 If an application using this unit as the default audio device (DJ software, etc.) is running, quit that application before adjusting the buffer size.

# Click the Windows [Start] menu>[All Programs]> [Pioneer]>[DDJ\_WeGO]>[DDJ\_WeGO ASIO Settings Utility].



- If the buffer size is made large, drops in audio data (breaks in the sound) occur less easily, but the time lag due to the delay in the transfer of the audio data (latency) increases.
- If the kernel buffer number is made large, breaks in the sound occur less easily, but the time lag due to latency increases.
- Operate referring to the procedure below to adjust the buffer size and kernel buffer

### If there are no interruptions in the sound with the default settings

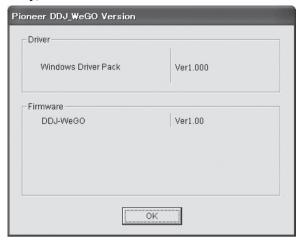
- ① Gradually decrease the buffer size, setting it to the minimum value at which there are no interruptions in the sound.
- Set the kernel buffer size to [2] and check whether there are interruptions in the sound.
- If there are interruptions in the sound, set the kernel buffer size to
   [3].

# If there are interruptions in the sound with the default settings

① Set the kernel buffer size to [4], then set the buffer size to the minimum value at which there are no interruptions in the sound.

#### Checking the version of the driver software

Click the Windows [Start] menu>[All Programs]> [Pioneer]>[DDJ\_WeGO]>[DDJ\_WeGO Version Display Utility1.



- You can check the firmware version of this unit on the screen.
- The firmware version is not displayed when this unit is not connected to the computer or when this unit and computer are not properly communicating.

#### Checking the latest information on the driver software

For the latest information on the driver software for exclusive use with this unit visit our website shown below. http://pioneerdj.com/support/

#### About the VIRTUAL DJ LE software

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VIRTUAL DJ LE is a DJ software application by Atomix productions. DJ performances are possible by connecting the computer on which this software is installed to this unit.

#### Minimum operating environment

Supported operating systems	CPU and required memory
Mac OS X 10.5.x	Intel <sup>®</sup> processor
IVIAC OS A TU.S.X	1 GB or more of RAM
Windows <sup>®</sup> XP	Intel <sup>®</sup> Pentium <sup>®</sup> 4 or AMD Athlon <sup>™</sup> XP processor
Home Edition/ Professional (SP3 or later)	512 MB or more of RAM

Free space of 50 MB or greater
Optical disc drive on which the CD-ROM can be read
A USB 2.0 port is required to connect the computer with this unit.
Resolution of 1 024 x 768 or greater

#### Recomended operating environment

Hard disk

Mac OS X 10.6.x    Intel® processor   2 GB or more of RAM   Intel® Core™ 2 or AMD Athlon™ X2 processor   1 GB or more of RAM   1 GB or more of RAM	Supported operating systems		CPU and required memory
2 GB or more of RAM  Windows® 7  Professional  2 GB or more of RAM  Intel® Core™ 2 or AMD Athlon™ X2  processor	Maa 06 V 10 6		Intel <sup>®</sup> processor
Windows® 7 Professional  32-bit version  processor	IVIAC OS A 10.6.X		2 GB or more of RAM
Professional	Windows® 7		mitor doro E or / mile / milor / me
	Professional	32-bit version	processor
	Froiessional		1 GB or more of RAM

Free space of 200 MB or greater

Others	
Display resolution	Resolution of 1 280 x 1 024 or greater (Windows) Resolution of 1 440 x 900 or greater (Mac)

The conditions below must be satisfied in order to conduct video mixing.

- Mac
- ATI<sup>™</sup> or NVIDIA<sup>®</sup> video chipset with 256 MB of dedicated DDR3 RAM Video card must support dual-screen output.
- - ATI<sup>™</sup> or NVIDIA<sup>®</sup> video card with 256 MB of dedicated DDR3 RAM
  - Video card must support dual-screen output.
- Full functionality is not guaranteed on all computers, even those meeting the operating environment requirements described above.
- Even with the required memory indicated for the operating environment above, lack of memory due to resident programs, the number of services, etc., could prevent the software from offering optimal functionality and performance. In such cases, free up sufficient memory. We recommend installing additional memory for stable operation.
- Depending on the computer's power-saving settings, etc., the CPU and hard disk may not provide sufficient processing capabilities. For notebook computers in particular, make sure the computer is in the proper conditions to provide constant high performance (for example by keeping the AC power connected) when using VIRTUAL DJ LE.
- Note that problems may arise with the functionality of VIRTUAL D.LLE depending on other software running on your computer.

#### Installing the VIRTUAL DJ LE software

- Cautions when the included software involves an Internet environment
  - A separate contract with and payment to a provider offering Internet services is required.
- The installer screen's design may differ depending on the version of VIRTUAL DJ LE, but the operating procedure is the same.

#### Installation procedure (Windows)

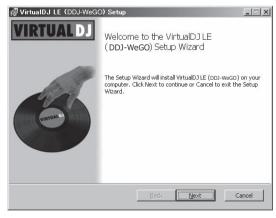
#### 1 Insert the included CD-ROM into the computer's CD drive.

#### 2 When the CD-ROM's menu is displayed, select [Install VIRTUAL DJ LE(DDJ-WeGO)], then click [Start].

The VIRTUAL DJ LE installer is launched.

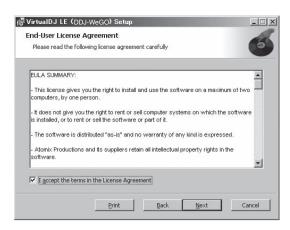
#### 3 Once the VIRTUAL DJ LE installer is launched, click [Next].

- To return to the previous screen: click [Back].
- To cancel installation: click [Cancel].



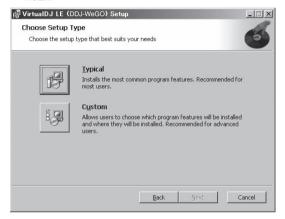
4 Read the contents of the [End-User License Agreement] carefully, and if you agree, check [I accept the terms in the License Agreement], then click [Next]. If you do not agree to the terms of the [End-User License Agreement], click [Cancel] to cancel installation.

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# 5 Select the type of installation for VIRTUAL DJ LE, then click [Next].

- When [Typical] is selected, plug-ins and other components are installed simultaneously. Normally select [Typical].
- When [Custom] is selected, you can select which components to install.



### 6 When the screen below is displayed, click [Install]. Installation begins.

The installation completed screen appears once installation is completed.



#### 7 Click [Finish].

This completes the installation procedure. VIRTUAL DJ LE is launched if [Launch VirtualDJ] on the screen is checked when [Finish] is clicked.



8 Enter the serial number printed on this unit's bottom panel (XXXX-XXXX-XXXXX/WEGO), then click [OK].



#### Installation procedure (Mac OS X)

### 1 Insert the included CD-ROM into the computer's CD drive.

The [CD\_menu] icon appears on the screen. Double-click it.

2 When the CD-ROM's menu is displayed, select [Install VIRTUAL DJ LE(DDJ-WeGO)], then click [Start].

The VIRTUAL DJ LE installer is launched.

# 3 Once the VIRTUAL DJ LE installer is launched, click [Continue].

# 4 Read the contents of the license agreement carefully, click [Continue] and then click [Agree] to accept the license agreement.

If you do not agree to the license agreement, click [**Disagree**] to cancel installation.

# 5 Select the type of installation for VIRTUAL DJ LE, then click [Install].

- To select standard installation, click [Install].
- To install in a different location, click [Change Install Location...] and choose the place of installation.

Installation begins.

The installation completed screen appears once installation is completed.

#### 6 Click [Close].

This completes the installation procedure.

#### Checking the latest information on the VIRTUAL DJ LE software

For the latest information on the operating environment and compatibility, and to acquire the latest operating system, please visit the following Atomix productions website:

To obtain the latest version of the VIRTUAL DJ LE software, you must register your user account on the Atomix productions website. http://www.virtualdi.com

# **Connections**

Be sure the power is off when connecting equipment and changing connections.

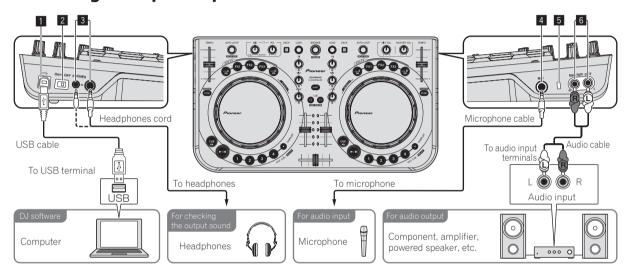
Be sure to use the USB cable included with this product.

Refer to the operating instructions for the component to be connected.

With this unit, the power is supplied by USB bus power. The unit can be used simply by connecting it to a computer using the USB cable.

- Connect this unit and the computer directly using the included USB cable.
- Connect the computer to which this unit is to be connected to an AC power supply.
- A USB hub cannot be used.
- In cases like the ones below, the power may be insufficient and this unit may not operate on USB bus power.
  - When the computer's USB power supply capacity is insufficient.
  - When other USB devices are connected to the computer.
  - When headphones with an impedance of less than 32  $\Omega$  are connected.
  - When headphones are simultaneously connected to the stereo phone jack and the stereo mini-phone jack.
  - When a monaural jack is connected to the [PHONES] terminal.

#### Connecting the input/output terminals



#### ■ • USB terminal

Connect to a computer.

- Connect this unit and the computer directly using the included USB cable.
- A USB hub cannot be used.

#### 2 ON/OFF switch

Turns this unit's power on and off.

#### 3 PHONES terminals

Connect headphones here.

Both stereo phone plugs (Ø 6.3 mm) and stereo mini phone plugs (Ø 3.5 mm) can be used.

- Connect headphones with an impedance of 32  $\Omega$  or more. Headphones with an impedance of less than 32  $\Omega$  are not supported.
- Do not connect headphones simultaneously to the stereo phone jack and the stereo mini-phone jack.

#### 4 MIC jack

Connects a microphone here.

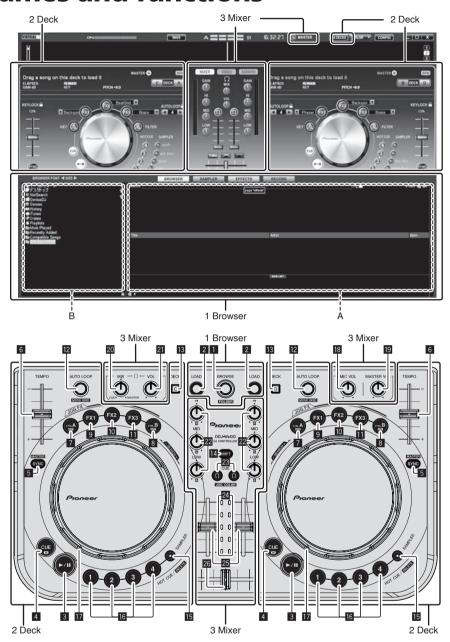
Only the volume of the microphone's sound can be adjusted.

#### 5 Kensington security slot

#### 6 MASTER OUT terminals

Connect powered speakers, etc., here.

# **Part names and functions**



#### 1 Browser

#### Rotary selector

- Turn:
- The cursor moves in section A of the above diagram.
- [SHIFT] + turn:
  - The cursor moves in section B of the above diagram.
- [SHIFT] + press:
  - Folders in section B of the above diagram open and close.
  - \* If a panel other than the [BROWSE] panel is displayed, turn the rotary selector to display the [BROWSE] panel.

#### 2 LOAD button

Loads the track selected with the cursor in each of the decks.

#### 2 Deck

#### 3 ►/II button

Use this to play/pause tracks.

#### 4 CUE button

Press:

Sets a cue point or moves the cue point.

[SHIFT] + press:

The playing position moves to the beginning of the track.

#### 5 SYNC (MASTER) button

Press:

Synchronizes to the master deck's tempo.

[SHIFT] + press:

Sets the master deck for synchronization.

#### 6 TEMPO slider

Adjusts the playing speed.

#### 7 CTRL A button

Press:

Turns key control on and off.

[SHIFT] + press:

Turns key control, the filter and effects 1 to 3 all off at once.

#### 8 CTRL B button

Press:

Turns the filter on and off.

[SHIFT] + press:

Turns key control, the filter and effects 1 to 3 all off at once.

#### 9 FX1 button

Press:

Turns effect 1 on and off.

[SHIFT] + press:

Switches the effect types of FX1.

#### 10 FX2 button

Press:

Turns effect 2 on and off.

[SHIFT] + press:

Switches the effect types of FX2.

#### TI FX3 button

· Press:

Turns effect 3 on and off.

[SHIFT] + press:

Switches the effect types of FX3.

#### 12 AUTO LOOP (MOVE GRID) control

Turn:

Changes the loop length for playback.

Press

Turns loop playback on and off.

• [SHIFT] + turn:

Moves the beat grid position.

\* This function can be used when you upgrade to VIRTUAL DJ

[SHIFT] + press:

Sets the manual loop's in and out points. Turns manual loop playback on and off.

#### 13 DECK button

Switches the deck to be operated.

#### 14 SHIFT button

When another button is pressed while pressing the [SHIFT] button, a different function is called out.

#### III SAMPLER button

Press:

Turns the sampler mode on and off.

#### 16 HOT CUE (DELETE)/SAMPLER button

When the sampler mode is off, sets or calls out the hot cue point. When the sampler mode is on, plays/stops playback of the sample sound.

[SHIFT] + press:

When the sampler mode is off, cancels the hot cue set at the button that is pressed.

When the sampler mode is on, if a sample sound is playing, playback returns to the beginning of the sample sound and continues from there.

#### 17 Jog dial

When the JOG FX mode is off

Scratch

When turned while touching a metallic part of the top of the jog dial, the sound is played according to the direction and speed at which the jog dial is turned.

Pitch bend

The playing speed can be adjusted by turning the outer part of the jog dial during playback.

Manual search

When the jog dial is spun while pressing [SHIFT] button during playback, the track is fast-forwarded/fast-reversed.

❖ When the JOG FX mode is on

JOG FX control

Effect parameters can be adjusted by turning the jog dial. For details, see JOG FX mode types ( $\Rightarrow E$ ) on page 12.

Do not place objects on or apply strong forces to the top of the jog dial. Also, note that drinks or other liquids getting into the product could result in malfunction.

#### 3 Mixer

#### IB MIC VOL control

Adjusts the audio level input to the [MIC] terminal.

#### 19 MASTER VOL control

Adjusts the sound level output from the master.

The adjustment made here does not affect the [MASTER] control on the computer's screen.

#### 20 HEADPHONES MIX control

Adjusts the balance of the monitor volume between the sound of the deck whose  $[\Omega]$  button is pressed and the master sound.

The sampler sound is output regardless of the position of the [HEADPHONES MIX] control.

#### 21 HEADPHONES VOL control

Adjusts the audio level output from the [PHONES] terminal.

- The adjustment made here does not affect the [VOL] control (headphones volume control) on the computer's screen.
- The sound of the microphone connected to the [MIC] jack is not output from the headphones.

#### 22 EQ (HI, MID, LOW) controls

These adjust the sound quality input to the various decks. [HI] (treble range), [MID] (middle range), [LOW] (low range)

#### **23** CUE (Headphones cue button)

Use this to monitor the sound of the respective decks over the headphones.

#### 24 Channel Level Indicator

Indicates the level of the sound before it passes through the channel faders of the respective decks.

#### 25 Channel fader

Adjusts the sound level output from the various decks.

#### 26 Crossfader

Switches the sound of the decks assigned to the left and right sides of the crossfader for output.

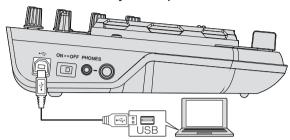
9

# **Basic Operation**

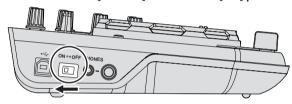
#### Starting the system

#### Starting this unit

1 Connect this unit to your computer via a USB cable.



- 2 Boot up the connected computer.
- 3 Slide this unit's [ON/OFF] switch to the [ON] position.



Turn on the power of this unit.

The message [Installing device driver software] may appear when this unit is first connected to the computer or when it is connected to a different USB port on the computer. Wait a while until the message [Your devices are ready for use] appears.

#### **Launching VIRTUAL DJ LE**

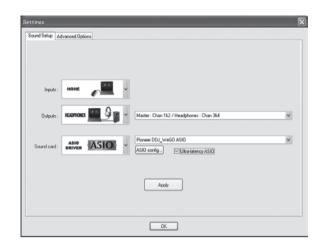
When this unit has just started, wait for the illumination to stop before launching VIRTUAL DJ LE.

- Launching VIRTUAL DJ LE (Windows)
- 1 From the Windows [Start] menu, click the [All Programs] > [VirtualDJ] > [VirtualDJ LE (DDJ-WeGO)] icon.
- 2 Click [CONFIG] in the top right of the computer's screen.

The [Settings] screen appears.

Settings should be selected on the [Sound Setup] tab in the following order:

- [Inputs]: Select [NONE].
- ② [Sound card]: Select [ASIO DRIVER] and [Pioneer DDJ\_WeGO ASIO].
- ③ [Outputs]: Select [HEADPHONES] and [Master: Chan 1&2/Headphones: Chan 3&4].



- 3 Click [Apply], then click [OK].
- Launching VIRTUAL DJ LE (Mac OS X)
- 1 In Finder, open the [Application] folder, then double-click the [VirtualDJ LE] icon.

When VIRTUAL DJ LE is launched the first time, a screen for entering the serial number appears.

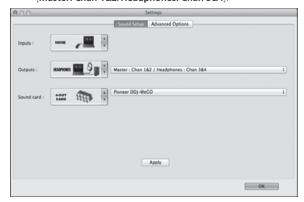
Input the serial number printed on this unit's bottom panel (XXXX-XXXX-XXXX/WEGO), then click [OK].

# 2 Click [CONFIG] in the top left of the computer's screen.

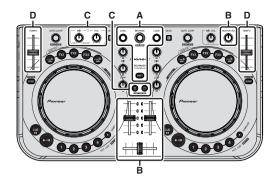
The [Settings] screen appears.

Settings should be selected on the [**Sound Setup**] tab in the following order:

- ① [Inputs]: Select [NONE].
- ② [Sound card]: Select [4-OUT CARD] and [Pioneer DDJ-WeGO].
- ③ [Outputs]: Select [HEADPHONES] and [Master: Chan 1&2/Headphones: Chan 3&4].



3 Click [Apply], then click [OK].



# Loading tracks and playing them (⇒A)

- 1 Turn the rotary selector while pressing the [SHIFT] button to select a folder or item.
- When a folder or item with the [+] mark is selected and the rotary selector is pressed while pressing the [SHIFT] button, that folder or item is opened or closed.
- 2 Release the [SHIFT] button then turn the rotary selector to select the track.
- 3 Press the [LOAD] button to load the selected track onto the deck.
- 4 Press the [►/II] button to play the track.
- When this button is pressed again during playback, playback pauses

#### Using the mixer functions (⇒B)

- Adjust the volume of the powered speakers, etc., connected to the [MASTER OUT] terminals to an appropriate level. Note that if the volume is set too high, the output sound could be very loud.
- 1 Operate the channel faders to adjust the audio level output from the respective decks.
- 2 Operate the crossfader to switch the deck whose sound is output from the speakers.
  - Left edge: Sound is output from deck [A] or [C].
  - Center: The sound of all the decks is mixed and output.
  - Right edge: Sound is output from deck [B] or [D].
- The curve characteristics can be switched using the crossfader curve setting button on the [MIXER] panel at the center of the computer's screen.
  - [THRU]: Select this when you do not want to use the crossfader.
  - [ Set here for a curve that rises gradually.
  - [ Sets an abruptly rising curve.
- 3 Turn the [MASTER VOL] control to adjust the audio level of the speakers.

#### Adjusting the sound quality

Turn the [EQ (HI, MID, LOW) ] controls on the respective decks.

# Monitoring sound with headphones (⇒C)

- 1 Connect headphones to the [PHONES] terminal.
- 2 Press the [CUE  $\Omega$ ] button for the deck you want to monitor.
- 3 Turn the [HEADPHONES MIX] control.
- Turn counterclockwise: The volume of the deck whose [CUE ??] button is pressed increases relatively.
- Turn clockwise: The [MASTER OUT] volume increases relatively.
- 4 Turn the [HEADPHONES VOL] control.
- The sound of the deck whose [CUE  $^{\Omega}$ ] button is pressed is output from the headphones.
- When the [CUE ?] button is pressed again, monitoring is canceled.

#### Mixing (⇒B, D)

- 1 Operate the [TEMPO] slider to match the playing speed on one deck to the playing speed on the other deck.
  - Move towards the + (front) side: The playing speed increases.
  - Move towards the (back) side: The playing speed decreases.
- 2 If the beats of the two decks are off, use the jog dial's pitch bend function to correct for this offset.

The playing speed can be adjusted by turning the outer part of the jog dial during playback.

- Spin clockwise: The playing speed increases.
- Spin counterclockwise: The playing speed decreases.
- Stop spinning: Playback at the normal speed resumes.
- When the [SYNC (MASTER)] button is pressed, the playing speeds and beats of the two decks are synchronized automatically. (The playing speeds and beats are synchronized to those of the deck selected as the master for synchronization.)
- 3 Operate the channel faders or crossfader to mix the sound of the two decks and switch between them.

# Inputting the sound of the microphone

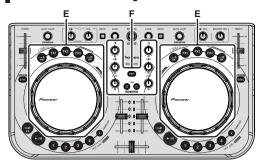
The sound of the microphone connected to the [MIC] terminal can be mixed.

- 1 Connect the microphone to the [MIC] terminal.
- 2 Adjust the audio level input to the [MIC] terminal.
- Turn the [MIC VOL] control: The [MIC] terminal's input audio level is adjusted.
- Only the volume of the microphone's sound can be adjusted.
- The sound of the microphone is not output from the headphones.

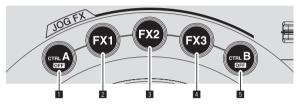
#### Quitting the system

- 1 Ouit VIRTUAL DJ LE.
- 2 Slide this unit's [ON/OFF] switch to the [OFF] position.
- 3 Disconnect the USB cable from your computer.

# **Operation (this unit's features)**



#### JOG FX mode types (⇒E)

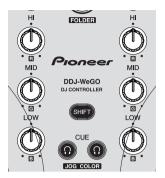


This unit is equipped with 5 types of JOG FX modes. The JOG FX mode types are shown below.

	Mode	Description of mode
1	Key control	Key control is turned on and off by pressing the [CTRL A] button.  When on, the key can be adjusted by turning the jog dial.
2	Effect 1	Effect 1 is turned on and off by pressing the [FX1] button. When on, effect 1 parameter 1 can be adjusted by turning the jog dial. Also, effect 1 parameter 2 can be adjusted by turning the jog dial while pressing the [SHIFT] button.
3	Effect 2	Effect 2 is turned on and off by pressing the [FX2] button. When on, effect 2 parameter 1 can be adjusted by turning the jog dial.  Also, effect 2 parameter 2 can be adjusted by turning the jog dial while pressing the [SHIFT] button.
4	Effect 3	Effect 3 is turned on and off by pressing the [FX3] button. When on, effect 3 parameter 1 can be adjusted by turning the jog dial. Also, effect 3 parameter 2 can be adjusted by turning the jog dial while pressing the [SHIFT] button.
5	Filter	The filter is turned on and off by pressing the [CTRL B] button.  When on, the filter can be adjusted by turning the jog dial.

- All modes are cancelled by pressing the [CTRL A] or [CTRL B] button while pressing the [SHIFT] button.
- The respective effect's type can be selected by pressing the [FX1],
   [FX2] or [FX3] button while pressing the [SHIFT] button.
- The types and numbers of parameters differ according to the effect.
   This operation has no effect for effects with no corresponding parameters.
- For details on the effects that can be used, see the Pioneer website. http://pioneerdj.com/support/

# Changing the color of the jog dial's illumination (⇒F)



This unit is equipped with a function for changing the color of the jog dial's illumination.

 The changed illumination color setting is retained even when this unit's power is turned off.

#### Selecting the color from the preset colors

Press the [CUE  $\Omega$ ] button while pressing the [SHIFT] button to change the color of the illumination of the jog dial.

The color of the illumination changes in the order shown below.

Illumination color	Illumination mode
Frosty white	
Red	
Orange	
Yellow	
Green	Pulse Mode Active
Emerald green	
Aqua	
Blue	
Violet	
Off	Pulse Mode Normal

- The color of the jog dial's illumination can be switched independently for the four decks.
- When the color is turned off for any of the four decks, the mode switches to Pulse Mode Normal.
- Pulse Mode Active: Enables Mix Pulse and FX Pulse.
- Pulse Mode Normal: Disables Mix Pulse and FX Pulse.
  - Mix Pulse

This indicates the offset in the beats of two tracks by the strength of the lights. The jog dials' lights are strongest when the beats are perfectly in sync, and get dimmer as the beats move apart. This lets you check the offset of the beats visually so that the beats and tempos can be matched easily.

FX Pulse

The lights on the jog dial move in various ways according to the effect that is operated, adding excitement to the DJ performance through the movement of the light in addition to the changes in the sound.

#### Adjusting the color freely

Turn the [EQ (HI, MID, LOW)] controls while pressing the [SHIFT] button to change the color of the illumination of the jog dial.

The colors of the illumination and the corresponding [EQ (HI, MID,  $\,$ 

LOW)] controls are shown below.

EQ (HI, MID, LOW) controls	Illumination color
EQ [HI] control	Red
EQ [MID] control	Green
EQ [LOW] control	Blue

When the color is turned off (when the EQ (HI, MID and LOW) controls are all set to the minimum) for any of the four decks, the mode switches to Pulse Mode Normal.

#### Switching the skin color

With VIRTUAL DJ LE, the skin's background color can be selected from among 10 colors, the jog color from among 9 colors.

1 Press the [COLOR] button.



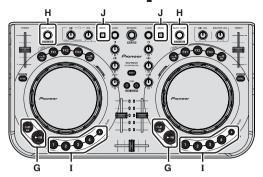
2 Select the desired background color.



3 Select the desired jog color.



# **Advanced Operation**



#### Using the CUE function (⇒G)

- 1 In the pause mode, press the [CUE] button to set a cue point at the position at which playback is paused.
  - When no hot cue is set at any of buttons [1] to [4], the cue point is simultaneously set as hot cue [1].
  - If hot cues have already been set, the hot cue last operated is reset at the cue point position.
- 2 During playback, press the [CUE] button to return to the last operated hot cue point and pause there (Back Cue).
- 3 After returning to the cue point, keep pressing the [CUE] button to continue playing (Cue Sampler).

#### Using the LOOP function (⇒H)

#### **Manual looping**

- 1 During playback, press the [AUTO LOOP] control while pressing the [SHIFT] button to set the loop in point.
- 2 After the loop in point is set, press the [AUTO LOOP] control while pressing the [SHIFT] button to set the loop out point and start loop playback.
- When the [AUTO LOOP] control is pressed while pressing the [SHIFT] button during loop playback, loop playback is canceled.
- When a manual loop is set after turning on [ ] on the computer's screen, the loop out point is automatically set by adjusting the loop length to be playable as auto loops (1/8 to 32).
- When a manual loop is set after turning off [ ] on the computer's screen, [<\_>] is displayed on the [AUTO LOOP] window's beat number display. To use the auto loop function after this, first cancel manual loop playback, then turn the [AUTO LOOP] control clockwise or counterclockwise until the beat number display appears on the [AUTO LOOP] window.

#### **Auto looping**



- 1 During playback, turn the [AUTO LOOP] control to set the length for loop playback in number of beats.
- 2 Press the [AUTO LOOP] control to start loop playback.
- The length of the loop can be changed by turning the [AUTO LOOP] control during loop playback.

#### Using the HOT CUE function ( $\Rightarrow$ I)

With this function, playback can be started instantaneously from the position at which a hot cue is set.

- · Up to four hot cues can be set and stored per track.
- 1 During playback or in the pause mode, press a [HOT CUE (DELETE)/SAMPLER] button to set a hot cue.
- 2 Press the [HOT CUE (DELETE)/SAMPLER] button at which the hot cue is set to call out the hot cue.
- A previously set hot cue can be deleted by pressing the [HOT CUE (DELETE)/SAMPLER] button while pressing the [SHIFT] button
- Hot cue operations can be performed when the [SAMPLER] button is not lit.

#### Using the SAMPLER function (⇒I)

The sounds of up to 8 sampler slots can be operated in addition to deck operations.

# Press a [HOT CUE (DELETE)/SAMPLER] button to start playback of the sampler slot.

On this unit, sampler slot operations can be performed when the **[SAMPLER]** button is lit.

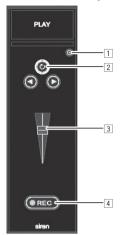
The [HOT CUE (DELETE)/SAMPLER] buttons on this unit and the sampler slots in VIRTUAL DJ LE correspond as follows:

- [HOT CUE (DELETE)/SAMPLER] buttons on this unit's left deck: Sampler slots 1 to 4
- [HOT CUE (DELETE)/SAMPLER] buttons on this unit's right deck: Sampler slots 5 to 8
- Playback returns to the beginning of the sample and continues by pressing the [HOT CUE (DELETE)/SAMPLER] button while pressing the [SHIFT] button when the sample is playing.

#### Making the SAMPLER settings

The **[SAMPLER]** volume and other settings can be adjusted through operations on the computer.

- 1 Click [SAMPLER] on the computer's screen to switch to the [SAMPLER] screen.
- 2 Operate the function on the computer's screen.



- Opens the [SAMPLER] options screen. Set for example whether or not to play the [SAMPLER] in sync with the currently playing track
- Selects the [SAMPLER] playing mode (play just once or play repeatedly).
- 3 Adjusts the [SAMPLER]'s volume.
- 4 Recording starts when the [REC] button is pressed. When the [REC] button is pressed again, recording stops.

#### **Operating four decks (⇒J)**



With VIRTUAL DJ LE, you can select either a 2-deck layout or a 4-deck layout.

This unit supports operation with a 4-deck layout.

# 1 Click the [24DECKS] button on the computer's screen to switch the deck layout.

# 2 Press the [DECK] button to switch the deck to be operated.

The [**DECK C**] button lights when deck C is selected, the [**DECK D**] button lights when deck D is selected.

- When the 4-deck layout is selected, the decks can be switched from the buttons on the computer screen as described below.
  - Press the [DECK C] button: Switches the deck on the left side.
     (Deck A ⇔ Deck C)
  - Press the [DECK D] button: Switches the deck on the right side. (Deck B ⇔ Deck D)
- When a 4-deck layout is set, the assign buttons at the sides of the crossfader on the computer's screen can be used to select whether to assign the outputs of the respective decks to the left or right sides of the crossfader.
- When the decks are switched, the positions of the controls and faders on the computer screen and on this unit may differ.
   In such cases, move the controls and faders on this unit to the same positions as the controls and faders on the computer's screen.

The controls and faders for which this operation is required when the decks are switched are as follows:

- TEMPO slider
- EQ (HI, MID, LOW) control
- Channel fader

# **Operation (other functions)**

#### **Analyzing files**

 This function is operated on the computer. It cannot be operated on this unit.

We recommend analyzing files before playing them with VIRTUAL DJ LE. When files are analyzed, the track's BPM and key are detected and the beat grid is attributed automatically.

# 1 On the browser screen, select the track to be analyzed and right-click it.

The track options menu is displayed.

# 2 From the menu, click [BPM] > [Re-Analyze] to start analyzing.

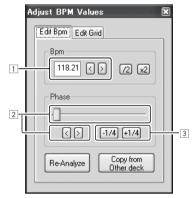
When multiple tracks or folders are selected, click [Scan for BPMs] on the menu displayed after right-clicking.

 When analysis is completed, the icon at the beginning of the track item switches from to \overline{\Omega}

#### **Editing the beat grid**

- This function is operated on the computer. It cannot be operated on this unit.
- 1 Load the track whose beat grid you want to edit onto a deck.
- 2 Select the loaded track on the browser screen and right-click it.
- 3 Select [BPM] > [Manual Edit].

The [Adjust BPM Values] screen is displayed.



- Input the [BPM] value directly or use the [<] and [>] buttons to adjust the grid spacing.
- 2 Move the slider or use the [<] and [>] buttons to move the grid position.
- 3 Use the [-1/4] and [+1/4] buttons to move the grid position in units of beats.

# Adjusting the jog dial's MIDI message sending interval

This unit is equipped with a mode for adjusting the jog dial's MIDI message sending interval.

Depending on your computer's operating system and specifications, the jog dial may not operate properly if the sending interval of MIDI message for JOG dial is too short. In this case, follow the procedure below to adjust the MIDI message sending interval.

 The value set in the jog dial MIDI message sending interval adjustment mode is retained even when this unit's power is turned off.

### 1 Turn on the power while pressing the right deck's ICTRL Al button and IFX11 button.

The unit starts up in the jog dial MIDI message sending interval adjustment mode. Wait until the startup illumination finishes.

### 2 Press the [SHIFT] button and select the jog dial's MIDI message sending interval.

The sending internal changes in units of 1 ms each time the [SHIFT] button is pressed.

The jog dial's MIDI message sending interval is indicated by how the LEDs on the channel level indicator light.

MIDI message sending interval	Channel Level Indicator			
3 ms*	***************************************			
4 ms	<b>**</b>			
5 ms	***			
6 ms	***			
7 ms	888			
8 ms	888			
9 ms				
10 ms				
11 ms	8			
12 ms				
13 ms	***			

- \*: Setting upon purchase
- When the [PLAY/PAUSE] button is pressed, the jog dial MIDI message sending interval adjustment mode is canceled.

# Adjusting the sensitivity of the jog dial's touch sensor

This unit is equipped with a mode for adjusting the sensitivity of the jog dial's touch sensor.

The value set in the jog dial sensitivity adjustment mode is retained even when this unit's power is turned off.

### 1 Turn on the power while pressing the left deck's [CTRL A] and [FX1] buttons.

The unit starts up in the jog dial sensitivity adjustment mode. Wait until the startup illumination finishes.

# 2 Press the [SHIFT] button to select the jog dial's sensitivity.

The jog dial's sensitivity changes each time the [SHIFT] button is pressed.

The jog dial's sensitivity is indicated by how the

[HOT CUE (DELETE)/SAMPLER] buttons and [SAMPLER] LEDs light.

Jog dial sensitivity	LED that lights
-4 (low)	Left deck's [HOT CUE1] button
-3	Left deck's [HOT CUE2] button
-2	Left deck's [HOT CUE3] button
-1	Left deck's [HOT CUE4] button
0*	Left and right decks' [SAMPLER] button
+1	Right deck's [HOT CUE1] button
+2	Right deck's [HOT CUE2] button
+3	Right deck's [HOT CUE3] button
+4 (high)	Right deck's [HOT CUE4] button

<sup>\*:</sup> Setting upon purchase

 The jog dial sensitivity adjustment mode is canceled when the [PLAY/PAUSE] button is pressed.

#### **Mood lighting mode**

When this mode is set, the brightness of the illumination of the left and right jog dials automatically changes slowly. This can be used as mood lighting.

This mode can be set even if no DJ application is running.

#### Launching the mood lighting mode

Press the [SHIFT], [DECK C] and [DECK D] buttons simultaneously.

 The mood lighting mode is set automatically if no operation is performed for 10 minutes.

#### Canceling the mood lighting mode

Operate any one of the control panel's buttons, controls, sliders, jog dials, etc.

# **Additional information**

#### **Troubleshooting**

- Incorrect operation is often mistaken for trouble or malfunction. If you think that there is something wrong with this component, check the points
  below. Sometimes the trouble may lie in another component. Inspect the other components and electrical appliances being used. If the trouble
  cannot be rectified after checking the items below, ask your nearest Pioneer authorized service center or your dealer to carry out repair work.
- This unit may not operate properly due to static electricity or other external influences. In this case, proper operation may be restored by turning the power off, waiting 1 minute, then turning the power back on.

Problem	Check	Remedy
This unit is not recognized.	Is the [ON/OFF] switch for power supply set to [ON]?	Set the [ON/OFF] switch for power supply to [ON].
	Is the included USB cable properly connected?	Connect the included USB cable properly. (page 7)
	Are you using a USB hub?	USB hubs cannot be used. Connect the computer and this unit directly using the included USB cable. (page 7)
	_	Press the VIRTUAL DJ LE's [CONFIG] button and check the [Sound card] settings on the [Sound Setup] tab. (page 10) Windows: [ASIO DRIVER] and [Pioneer DDJ_WEGO ASIO] Mac OS X: [4-OUT CARD] and [Built-in Output]
Positions of controls and sliders on this unit and VIRTUAL DJ LE differ.	_	When controls and sliders on this unit are moved, the controls and slides on VIRTUAL DJ LE are synchronized.
Music files cannot be played.	Are the music files damaged?	Play music files that are not damaged.
Distorted sound.	Is the sound level input to the [MIC] terminal set to an appropriate level?	Set the audio level input to the terminals to a suitable level for the connected devices.
	Are the [MASTER OUT] terminals set to unbalanced output with a monaural cable?	With an unbalanced output, the sound will be distorted unless the output is set to a suitable level. Use the [MASTER VOL] control to set the output to a suitable level.
Sound being played is interrupted when using DJ software.	Is the computer connected to this unit connected to an AC power supply?	When using a notebook computer on battery power, the power management system may set the battery energy saving mode, decreasing the CPU's clock frequency. If this happens, noise may be generated and operation may become slower.  Connect the computer to which this unit is to be connected to an AC power supply.
	Is the driver software's latency value suitable?	Set the driver software's latency to a suitable value. (page 4)
No sound is produced.	Is the included USB cable properly connected?	Connect the computer and this unit directly using the included USB cable. USE hubs cannot be used. (page 7)
	Are terminals or plugs dirty?	Wipe any dirt off terminals and plugs before connecting.
	Is the driver software properly set?	Set the driver software properly. (page 4)
	Are the connected components and amplifiers properly set?	Set the external input selection and volume on the components and amplifiers properly. $ \\$
	Is this unit's volume set appropriately?	Set the channel faders, crossfader and master volume appropriately. (page 11)
[SYNC] function does not work properly.	Have the music files been properly analyzed?	If the results of analysis of the music files are not correct, edit the beat grid manually. (Page 16)
Sound is interrupted when the ASIO driver is set.	Has the ASIO driver been set with VIRTUAL DJ LE running?	Set the ASIO driver before launching VIRTUAL DJ LE. (page 4)
Recorded samples cannot be saved. Samples cannot be registered at sampler slots 7 or 8.	_	The functions for saving and calling out recorded samples can be used when you upgrade to VIRTUAL DJ PRO.
Computer on which Windows XP is installed freezes or CPU usage rate is 100%.	Have you turned off this unit's power while VIRTUAL DJ LE was running or disconnected the USB cable during use?	Be sure to quit VIRTUAL DJ LE before turning off this unit's power. Also, do not disconnect the USB cable during use.
Communications cannot be estab- lished when this unit is turned on after launching VIRTUAL DJ LE. Operations of buttons and controls are not associ- ated, or LEDs do not light.	Have you started up this unit and VIRTUAL DJ LE in the wrong order?	Always first start up this unit and wait for the startup illumination to finish befolaunching VIRTUAL DJ LE. After this, press the VIRTUAL DJ LE's [CONFIG] button and check the [Sound card] settings on the [Sound Setup] tab. (page 10) Windows: [ASIO DRIVER] and [Pioneer DDJ_WEGO ASIO] Mac OS X: [4-OUT CARD] and [Built-in Output]
Recording is not possible.	Is there a 2-byte code (used in Japanese, etc.) included in the file path for where the recorded file is to be stored?	Set so that there are no 2-byte codes (used in Japanese, etc.) in the file path for where recorded files are to be stored.
Nothing appears on the computer's screen though VIRTUAL DJ LE was launched.	Is your computer's display resolution 1 024 x 768 or greater?	Right-click the task bar and launch the task manager. On the task manager's [Application] tab, right-click [VirtualDJ] and select [Maximize].

#### Using as a controller for other DJ software

This unit also outputs the operating data for the buttons and dials in MIDI format. If you connect a computer with a built-in MIDI-compatible DJ software via a USB cable, you can operate the DJ software on this unit. The sound of music files being played on the computer can also be output from the DDI-WeGO

To use as a controller for other DJ software, first make the DJ software's audio and MIDI related settings. For details, see your DJ software's operating instructions.

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#### PIONEER CORPORATION

1-1, Shin-ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0031, Japan < DRI1074-A>